

Hydric Soils List

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
1A: Alderflats silt loam, 0 to 4 percent slopes	Alderflats	Yes	Depression	2B3	Yes	No	No	517
2B: Allegheny loam, 2 to 7 percent slopes	Allegheny	No	---	---	---	---	---	390
2C: Allegheny loam, 7 to 15 percent slopes	Allegheny	No	---	---	---	---	---	86
3C3: Chilhowie silty clay loam, 7 to 15 percent slopes, severely eroded	Chilhowie	No	---	---	---	---	---	867
3D3: Chilhowie silty clay loam, 15 to 25 percent slopes, severely eroded	Chilhowie	No	---	---	---	---	---	452
3E3: Chilhowie silty clay loam, 25 to 60 percent slopes, severely eroded	Chilhowie	No	---	---	---	---	---	393
4E: Chilhowie silty clay loam, 25 to 60 percent slopes, very rocky	Chilhowie	No	---	---	---	---	---	1,247
5C: Chiswell-Litz complex, 7 to 15 percent slopes	Chiswell	No	---	---	---	---	---	766
	Litz	No	---	---	---	---	---	511
5D: Chiswell-Litz complex, 15 to 25 percent slopes	Chiswell	No	---	---	---	---	---	1,608
	Litz	No	---	---	---	---	---	1,072
5E: Chiswell-Litz complex, 25 to 50 percent slopes	Chiswell	No	---	---	---	---	---	3,951
	Litz	No	---	---	---	---	---	2,195
6C: Chiswell-Litz-Urban land complex, 2 to 15 percent slopes	Chiswell	No	---	---	---	---	---	1,787
	Litz	No	---	---	---	---	---	1,277

Hydric Soils List - Continued

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6C: Chiswell-Litz-Urban land complex, 2 to 15 percent slopes	Urban land	No	---	---	---	---	---	1,021
6D: Chiswell-Litz-Urban land complex, 15 to 35 percent slopes	Chiswell	No	---	---	---	---	---	1,012
	Litz	No	---	---	---	---	---	723
	Urban land	No	---	---	---	---	---	578
7A: Clubcaf silt loam, 0 to 2 percent slopes, occasionally flooded	Clubcaf	Yes	Flood Plain	2B3	Yes	No	No	145
8A: Combs loam, 0 to 2 percent slopes, occasionally flooded	Combs	No	---	---	---	---	---	989
	Clubcaf	Yes	Depression	2B3	Yes	No	No	66
9B: Cotaco loam, 2 to 7 percent slopes	Cotaco	No	---	---	---	---	---	312
	Purdy	Yes	Depression	2B3	Yes	No	No	12
9C: Cotaco loam, 7 to 15 percent slopes	Cotaco	No	---	---	---	---	---	50
	Purdy	Yes	Depression	2B3	Yes	No	No	2
10D: DeKalb channery sandy loam, 15 to 35 percent slopes	DeKalb	No	Mountainside	---	---	---	---	477
11C: DeKalb channery sandy loam, 7 to 15 percent slopes, very stony	DeKalb	No	Mountainside	---	---	---	---	279
11D: DeKalb channery sandy loam, 15 to 35 percent slopes, very stony	DeKalb	No	Mountainside	---	---	---	---	870
11E: DeKalb channery sandy loam, 35 to 60 percent slopes, very stony	DeKalb	No	Mountainside	---	---	---	---	6,298

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11F: DeKalb channery sandy loam, 60 to 80 percent slopes, very stony	DeKalb	No	Mountainside	---	---	---	---	2,497
12F: DeKalb-Rock outcrop complex, 25 to 80 percent slopes	DeKalb	No	Mountainside	---	---	---	---	3,644
	Rock outcrop	No	---	---	---	---	---	1,325
13A: Derroc cobbly sandy loam, 0 to 4 percent slopes, occasionally flooded	Derroc	No	---	---	---	---	---	1,469
	Clubcaf	Yes	Depression	2B3	Yes	No	No	59
14: Dumps	Dumps	No	---	---	---	---	---	106
15C: Edgemont channery sandy loam, 7 to 15 percent slopes	Edgemont	No	---	---	---	---	---	496
15D: Edgemont channery sandy loam, 15 to 35 percent slopes	Edgemont	No	---	---	---	---	---	1,858
15E: Edgemont channery sandy loam, 35 to 60 percent slopes	Edgemont	No	---	---	---	---	---	4,053
16B: Edneyville fine sandy loam, 2 to 7 percent slopes	Edneyville	No	Ridge	---	---	---	---	213
16C: Edneyville fine sandy loam, 7 to 15 percent slopes	Edneyville	No	Ridge	---	---	---	---	1,000
16D: Edneyville fine sandy loam, 15 to 25 percent slopes	Edneyville	No	Ridge	---	---	---	---	2,305
16E: Edneyville fine sandy loam, 25 to 55 percent slopes	Edneyville	No	Ridge	---	---	---	---	6,758
17C: Evard fine sandy loam, 7 to 15 percent slopes	Evard	No	---	---	---	---	---	891
17D: Evard fine sandy loam, 15 to 25 percent slopes	Evard	No	---	---	---	---	---	1,470

Hydric Soils List - Continued

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
17E: Evard fine sandy loam, 25 to 55 percent slopes	Evard	No	---	---	---	---	---	2,600
18B: Frederick silt loam, 2 to 7 percent slopes	Frederick	No	---	---	---	---	---	271
18C: Frederick silt loam, 7 to 15 percent slopes	Frederick	No	---	---	---	---	---	2,284
18D: Frederick silt loam, 15 to 25 percent slopes	Frederick	No	---	---	---	---	---	1,217
19C: Frederick very gravelly silt loam, 7 to 15 percent slopes	Frederick	No	---	---	---	---	---	866
19D: Frederick very gravelly silt loam, 15 to 25 percent slopes	Frederick	No	---	---	---	---	---	2,340
19E: Frederick very gravelly silt loam, 25 to 40 percent slopes	Frederick	No	---	---	---	---	---	581
20C: Frederick silt loam, 2 to 15 percent slopes, very rocky	Frederick	No	---	---	---	---	---	188
20E: Frederick silt loam, 15 to 45 percent slopes, very rocky	Frederick	No	---	---	---	---	---	873
21C: Frederick-Urban land complex, 2 to 15 percent slopes	Frederick	No	---	---	---	---	---	1,306
	Urban land	No	---	---	---	---	---	1,016
21D: Frederick-Urban land complex, 15 to 30 percent slopes	Frederick	No	---	---	---	---	---	92
	Urban land	No	---	---	---	---	---	72
22C: Gilpin loam, 7 to 15 percent slopes	Gilpin	No	---	---	---	---	---	576

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
22D: Gilpin loam, 15 to 25 percent slopes	Gilpin	No	---	---	---	---	---	665
23C: Grimsley cobbly loam, 7 to 15 percent slopes	Grimsley	No	---	---	---	---	---	284
24C: Groseclose silt loam, 7 to 15 percent slopes	Groseclose	No	---	---	---	---	---	540
24D: Groseclose silt loam, 15 to 25 percent slopes	Groseclose	No	---	---	---	---	---	291
24E: Groseclose silt loam, 25 to 35 percent slopes	Groseclose	No	---	---	---	---	---	173
25C: Groseclose-Litz complex, 2 to 15 percent slopes	Groseclose	No	---	---	---	---	---	328
	Litz	No	---	---	---	---	---	218
25D: Groseclose-Litz complex, 15 to 25 percent slopes	Groseclose	No	---	---	---	---	---	304
	Litz	No	---	---	---	---	---	203
25E: Groseclose-Litz complex, 25 to 35 percent slopes	Groseclose	No	---	---	---	---	---	427
	Litz	No	---	---	---	---	---	284
26B: Hayesville fine sandy loam, 2 to 7 percent slopes	Hayesville	No	---	---	---	---	---	390
26C: Hayesville fine sandy loam, 7 to 15 percent slopes	Hayesville	No	---	---	---	---	---	2,291
26D: Hayesville fine sandy loam, 15 to 25 percent slopes	Hayesville	No	---	---	---	---	---	2,960
27C: Hayesville gravelly fine sandy loam, 7 to 15 percent slopes	Hayesville	No	---	---	---	---	---	234

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
27D: Hayesville gravelly fine sandy loam, 15 to 25 percent slopes	Hayesville	No	---	---	---	---	---	1,300
28E: Hayesville channery fine sandy loam, 25 to 50 percent slopes, very stony	Hayesville	No	---	---	---	---	---	8,513
29C: Hayesville-Urban land complex, 2 to 15 percent slopes	Hayesville	No	---	---	---	---	---	546
	Urban land	No	---	---	---	---	---	364
29D: Hayesville-Urban land complex, 15 to 30 percent slopes	Hayesville	No	---	---	---	---	---	392
	Urban land	No	---	---	---	---	---	262
30C: Laidig fine sandy loam, 7 to 15 percent slopes	Laidig	No	---	---	---	---	---	663
30D: Laidig fine sandy loam, 15 to 25 percent slopes	Laidig	No	---	---	---	---	---	250
31D: Laidig fine sandy loam, 15 to 25 percent slopes, very stony	Laidig	No	---	---	---	---	---	89
32B: Macove gravelly silt loam, 2 to 7 percent slopes	Macove	No	---	---	---	---	---	195
32C: Macove gravelly silt loam, 7 to 15 percent slopes	Macove	No	---	---	---	---	---	464
33E: Opequon-Rock outcrop complex, 15 to 35 percent slopes	Opequon	No	---	---	---	---	---	193
	Rock outcrop	No	---	---	---	---	---	105
34E: Peaks gravelly loam, 35 to 60 percent slopes, very stony	Peaks	No	---	---	---	---	---	1,554

Hydric Soils List - Continued

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Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
34F: Peaks gravelly loam, 60 to 75 percent slopes, very stony	Peaks	No	---	---	---	---	---	3,806
35: Pits, quarries	Pits	No	---	---	---	---	---	369
36A: Purdy silt loam, 0 to 4 percent slopes	Purdy	Yes	Flood Plain	2B3	Yes	No	No	105
37B: Sequoia silt loam, 2 to 7 percent slopes	Sequoia	No	---	---	---	---	---	110
37C: Sequoia silt loam, 7 to 15 percent slopes	Sequoia	No	---	---	---	---	---	794
37D: Sequoia silt loam, 15 to 25 percent slopes	Sequoia	No	---	---	---	---	---	557
37E: Sequoia silt loam, 25 to 40 percent slopes	Sequoia	No	---	---	---	---	---	481
38B: Shelocta silt loam, 2 to 7 percent slopes	Shelocta	No	---	---	---	---	---	190
38C: Shelotca silt loam, 7 to 15 percent slopes	Shelocta	No	---	---	---	---	---	661
38D: Shelocta silt loam, 15 to 25 percent slopes	Shelocta	No	---	---	---	---	---	323
39B: Shottower loam, 2 to 7 percent slopes	Shottower	No	---	---	---	---	---	278
39C: Shottower loam, 7 to 15 percent slopes	Shottower	No	---	---	---	---	---	655
40C: Shottower cobbly loam, 7 to 15 percent slopes	Shottower	No	---	---	---	---	---	170
40D: Shottower cobbly loam, 15 to 30 percent slopes	Shottower	No	---	---	---	---	---	357

Hydric Soils List - Continued

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
41C: Shottower-Urban land complex, 2 to 15 percent slopes	Shottower	No	---	---	---	---	---	900
	Urban land	No	---	---	---	---	---	788
41D: Shottower-Urban land complex, 15 to 25 percent slopes	Shottower	No	---	---	---	---	---	102
	Urban land	No	---	---	---	---	---	90
42A: Sindion loam, 0 to 2 percent slopes, occasionally flooded	Sindion	No	---	---	---	---	---	636
	Clubcaf	Yes	Depression	2B3	Yes	No	No	42
43A: Speedwell loam, 0 to 2 percent slopes, occasionally flooded	Speedwell	No	---	---	---	---	---	768
	Clubcaf	Yes	Depression	2B3	Yes	No	No	51
44A: Speedwell-Urban land complex, 0 to 2 percent slopes, occasionally flooded	Speedwell	No	---	---	---	---	---	746
	Urban land	No	---	---	---	---	---	652
	Clubcaf	Yes	Depression	2B3	Yes	No	No	93
45C: Spessard loamy sand, 7 to 15 percent slopes	Spessard	No	---	---	---	---	---	92
45D: Spessard loamy sand, 15 to 25 percent slopes	Spessard	No	---	---	---	---	---	139
45E: Spessard loamy sand, 25 to 40 percent slopes	Spessard	No	---	---	---	---	---	193
46E: Sylvatus very channery silt loam, 35 to 55 percent slopes	Sylvatus	No	---	---	---	---	---	767
46F: Sylvatus very channery silt loam, 55 to 75 percent slopes	Sylvatus	No	---	---	---	---	---	1,060

Hydric Soils List - Continued

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Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
47B: Thurmont sandy loam, 2 to 7 percent slopes	Thurmont	No	---	---	---	---	---	210
47C: Thurmont sandy loam, 7 to 15 percent slopes	Thurmont	No	---	---	---	---	---	822
48B: Timberville silt loam, 2 to 7 percent slopes, occasionally flooded	Timberville	No	---	---	---	---	---	358
49B: Tumbling loam, 2 to 7 percent slopes	Tumbling	No	---	---	---	---	---	776
49C: Tumbling loam, 7 to 15 percent slopes	Tumbling	No	---	---	---	---	---	2,635
49D: Tumbling loam, 15 to 25 percent slopes	Tumbling	No	---	---	---	---	---	1,237
50C: Tumbling loam, 7 to 15 percent slopes, very stony	Tumbling	No	---	---	---	---	---	182
50D: Tumbling loam, 15 to 25 percent slopes, very stony	Tumbling	No	---	---	---	---	---	593
50E: Tumbling loam, 25 to 45 percent slopes, very stony	Tumbling	No	---	---	---	---	---	1,314
51C: Tumbling-Urban land complex, 2 to 15 percent slopes	Tumbling	No	---	---	---	---	---	216
	Urban land	No	---	---	---	---	---	189
52: Udorthents-Urban land complex	Udorthents	No	---	---	---	---	---	3,662
	Urban land	No	---	---	---	---	---	1,526
53: Urban land	Urban land	No	---	---	---	---	---	2,781
	Wet Spots	Yes	Depression	2B3	Yes	No	No	104

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Map Symbol and Map Unit Name	Component	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
54C: Weikert-Berks complex, 7 to 15 percent slopes	Weikert	No	---	---	---	---	---	124
	Berks	No	---	---	---	---	---	83
54E: Weikert-Berks complex, 15 to 45 percent slopes	Weikert	No	---	---	---	---	---	5,168
	Berks	No	---	---	---	---	---	3,446
55F: Weikert-Rock outcrop complex, 45 to 70 percent slopes	Weikert	No	---	---	---	---	---	8,756
	Rock outcrop	No	---	---	---	---	---	3,368
56A: Wheeling loam, 0 to 2 percent slopes, rarely flooded	Wheeling	No	---	---	---	---	---	164
56B: Wheeling loam, 2 to 7 percent slopes, rarely flooded	Wheeling	No	---	---	---	---	---	122
57A: Wheeling-Urban land complex, 0 to 2 percent slopes, rarely flooded	Wheeling	No	---	---	---	---	---	650
	Urban land	No	---	---	---	---	---	406
58B: Zoar silt loam, 2 to 7 percent slopes	Zoar	No	---	---	---	---	---	172
	Purdy	Yes	Depression	2B3	Yes	No	No	11
W: Water	Water	Unranked	---	---	---	---	---	451